

FITTING 35 YEARS OF ENVIRONMENTAL REMEDIATION PROBLEM SOLVING IN LESS THAN 35 MINUTES

This presentation will be an information sharing session, summarizing remediation problem solving stories of 35+ years in less than 35 minutes.

Bioslurping, two-phase extraction, multiphase extraction, soil vapor extraction, bioventing and their relations to each other. How a work plan to implement bioslurping end up with invention of a method for two-phase extraction. Innovative way to measure vapor readings in observation wells with 2-inch or larger casing and longer screen interval.

Is a steady state flow always good for remedial extraction? Flow analysis of extraction with steady state flow with sizeable drawdown in a homogeneous formation. How important to continuously log any screen interval for extraction or observation wells? Importance of understanding soil profile in saturated and vadose zone for the success of any remediation effort. A brief introduction to sequence stratigraphy for remediation success. Methods for evaluating groundwater contour maps.

How to accumulate and retain information to recall when you needed. A spreadsheet method for accumulation of information.

PRESENTER BIO:

Mehmet Pehlivan, PG, CHG, QSD/QSP, QISP,
Senior Consultant, Remediation Hydrogeologist
Direct +1 949 340 1024 - Cell +1 714 719 6854 - Address 1735 E Wilshire Ave Suite 805, Santa
Ana, California 92705 - Email: mehmet.pehlivan@cardno.com - Web: www.cardno.com

Mehmet Pehlivan's 36+ years of consulting and industry experience in the areas of remediation, hydrogeology, and storm water pollution control includes work for ports, defense and aerospace companies, refineries, oil and gas pipeline companies, the Counties of Los Angeles, Orange, and Riverside, water districts, plating companies, car dealerships, real estate developers (residential and commercial), and attorneys.

Mr. Pehlivan provided environmental and hydrogeological consulting services including soil and groundwater remediation, import and export soil management, excavation monitoring, remediation using soil vapor extraction and two-phase extraction.

Mr. Pehlivan obtained two patents: one in two-phase extraction and one in vacuum driven in-well stripping and recirculation.

Mr. Pehlivan is a member of ASTM Committee-E50 - Environmental Assessment (Phase I, II, III), Risk Management and Corrective Action, and ASTM Committee D18 - Soil and Rock (unified soil classification system, soil and rock grain size, porosity and permeability testing).

Mr. Pehlivan has negotiated site closures with regulatory agencies including the RWQCBs for the Central Valley and Los Angeles, San Diego, and Santa Ana Regions.